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Claims

[c1] CLAIMS

I claim as my invention:

1. A golf club head comprising:

a face component, the face component having striking plate portion and a return portion;

an aft-body having a crown portion, a sole portion and a ribbon portion, the aft-body attached to the return portion of the face component; and

a gasket positioned in a gap between the face component and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width;

wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees.

[c2] 2. The golf club head according to claim 1 wherein the gasket is composed of a polymer material.

[c3] 3. The golf club head according to claim 1 wherein the gasket is composed of a thermoplastic polyurethane elastomer material.

[c4] 4. The golf club head according to claim 1 wherein the first width has a range of 0.010 inch to 0.100 inch, and the second width has a range of 0.011 inch to 0.200 inch.

[c5] 5. The golf club head according to claim 1 wherein the second portion is located on a heel region of a crown section of the gasket.

[c6] 6. The golf club head according to claim 1 wherein the second portion is located on a toe region of a crown section of the gasket.

[c7] 7. The golf club head according to claim 1 wherein the second portion is located on a toe region of a crown section of the gasket and an upper region of a toe section of the gasket.

[c8] 8. The golf club head according to claim 1 wherein the second portion is located on a toe region of a sole section of the gasket.

[c9] 9. The golf club head according to claim 1 wherein the face angle of the golf club head is closed.

[c10] 10. The golf club head according to claim 1 wherein the face angle of the golf club head is open.

[c11] 11. The golf club head according to claim 1 wherein the

gap is positioned 0.5 inch to 2.5 inches from a perimeter of the striking plate of the face component.

[c12] 12. A golf club head comprising:

a face component composed of a metal material, the face component having striking plate portion and a return portion, the striking plate portion having a thickness in the range of 0.010 inch to 0.250 inch and the return portion having a thickness ranging from 0.010 inch to 0.250 inch;

an aft body comprising an upper section and a lower section, the upper section comprising a crown portion and an upper ribbon portion and the lower section comprising a sole portion and a lower ribbon portion, the aft-body composed of a metal material selected from the group consisting of magnesium alloys, aluminum alloys, magnesium and aluminum, , the aft-body attached to the return portion of the face component, the aft body having a thickness ranging from 0.015 inch to 0.100 inch; and

a gasket positioned in a gap between the face component and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width; wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero

degrees to less than six degrees;
wherein the moment of inertia about the Izz axis through the center of gravity is greater than 3000 grams- centimeter squared, and the moment of inertia about the Iyy axis through the center of gravity is greater than 1900 grams- centimeter squared.

[c13] 13. A golf club head comprising:
a face component composed of a metal material, the face component having striking plate portion and a return portion, the striking plate portion having a thickness in the range of 0.010 inch to 0.250 inch;
an aft body comprising an upper section and a lower section, the upper section comprising a crown portion and an upper ribbon portion and the lower section comprising a sole portion and a lower ribbon portion, the aft-body composed of a metal material selected from the group consisting of magnesium alloys, aluminum alloys, magnesium and aluminum, , the aft-body attached to the return portion of the face component, the aft body having a thickness ranging from 0.015 inch to 0.100 inch;
a gasket positioned in a gap between the face component and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width;

wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees;
wherein the golf club head has a volume ranging from 350 cubic centimeters to 525 cubic centimeters and a mass ranging from 175 grams to 225 grams.

[c14] 14. A golf club head comprising:
a face component composed of a titanium alloy material and comprising a return portion and a striking plate portion, the striking plate portion having concentric regions of varying thickness with the thickest region about the center of the striking plate portion;
an aft body comprising an upper section and a lower section, the upper section comprising a crown portion, an upper ribbon portion and an inward recessed section, the lower section comprising a sole portion, a lower ribbon portion and an inward recessed section, the aft body composed of an injection molded magnesium alloy material, the aft body having a thickness ranging from 0.010 inch to 0.100 inch, the return portion overlapping the inward recessed portion and attached to the inward recessed portion, the ribbon portion having a heel weighting cavity, a rear weighting cavity and a toe weighting cavity; and
a gasket positioned in a gap between the face compo-

nent and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width; wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees.